## We claim:

	1.	A method for screening for a bioactive agent capable of binding to a cell cycle protein
	R0101,	said method comprising:
5		a) combining a cell cycle protein R0101 and a candidate bioactive agent; and
<i>(</i> 1)		b) determining the binding of said candidate bioactive agent to said cell cycle protein
	R0101.	(SEQ ID NO:2)
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	2.	A method for screening for a bioactive agent capable of interfering with the binding of a cel
G/	cycle p	rotein R0101 and a PCNA protein, said method comprising:
$n_{-}$ 10		a) combining a cell cycle protein R0101, a candidate bioactive agent and a PCNA protein;
		1
a		b) determining the binding of said cell cycle protein R0101 and said PCNA protein.
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0 -	3.	A method according to Claim 2, wherein said cell cycle protein R0101, and said PCNA
a		are combined first.
	protein	are combined first.
1 5	4	
15	4.	A method for screening for a biolactive agent capable of modulating the activity of cell cycle
a	protein	R0101, said method comprising:
_		a) adding a candidate bioactive agent to a cell comprising a recombinant nucleic acid encoding a cell cycle protein R010; and the comprising a recombinant nucleic acid
a	_	7
		b) determining the effect of said can'didate bioactive agent on said cell.
20	5.	A method according to Claim 4, wherein a library of candidate bioactive agents is added to
a	a plural	lity of cells comprising a recombinant nucleic acid encoding a cell cycle protein R0101.
		(SEQ ID NO:2)
a	6.	An antibody to a cell cycle protein R0101.
	7.	The antibody of Claim 6 wherein said antibody is a monoclonal antibody.
	8.	The antibody of Claim 6 wherein said antibody reduces or eliminates the biological function
a 25	of said	cell cycle protein R0101. (SEQ ±0, No.2)
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	9.	A method of diagnosing cancer in an individual, said method comprising determining the
a_	level of	expression of R0101 in a sample taken from an individual and comparing said level to a
		which has a level which indicates there is no cancer, wherein an increase in said sample
	compar	red to said control indicates a diagnoses of cancer.
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